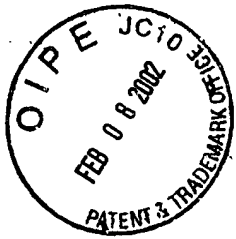


**DECLARATION - USA PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **LOW FREQUENCY LOOP-BACK IN A HIGH SPEED OPTICAL TRANSCEIVER**; the specification of which was filed on **June 4, 2001** as Application Serial No. **09/873,924**.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims;

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56;

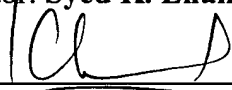
I hereby claim the benefit under Title 35, United States Codes § 119(e) of any United States provisional application listed below.

Application No.: 60/208,899  
60/267,366

Filing Date: June 2, 2000  
February 7, 2001

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful, false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: **Syed K. Enam**

Inventor's signature 

Date 01/24/02

Residence: ~~607 Alondra Drive, Huntington Beach, California 92648~~

27511 Limous, Mission Viejo, CA 92691

Citizenship: **Pakistan**

Post Office Address: **Same As Above**

Full name of second inventor: **Masoud Djafari**

Inventor's signature 

Date 01/24/2002

Residence: **4780-F La Villa Marine, Marina Del Rey, California 90292**

Citizenship: **United States**

Post Office Address: **Same As Above**

Full name of third inventor: **Duke T. Tran**

Inventor's signature 

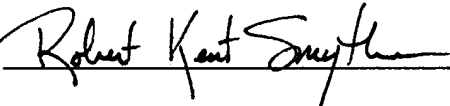
Date 1/24/02

Residence: **57 CASCADE 92604**  
**474 Hayes Street, Irvine, CA 92620**

Citizenship: **United States**

Post Office Address: **Same As Above**

Full name of fourth inventor: <sup>R. Kent</sup>  
~~Kent R.~~ **Smythe**

Inventor's signature 

Date 24 Jan 2002

Residence: **13 Cascade, Irvine, California 92604**

Citizenship: **United States**

Post Office Address: **Same As Above**

Full name of fifth inventor: **Michael B. Choi**

Inventor's signature Michael Choi

Date January 28th, 2002

Residence: ~~474 Hayes Street, Irvine, California 92620~~ 837 S. Catalina St., Apt. 111  
Los Angeles, CA 90005

Citizenship: **United States**

Post Office Address: **Same As Above**

Full name of sixth inventor: **Bo-Shiou Ke**

Inventor's signature Bo Shiou Ke

Date 1/24/02

Residence: 61 Pembroke, Irvine CA 92618

Citizenship: Taiwan

Post Office Address: **Same As Above**

Full name of seventh inventor: **Vi Lee**

Inventor's signature Vi Lee

Date 01/24/2002

Residence: 1661 N. AVE 46, LOS ANGELES, CA 90041

Citizenship: UNITED STATES

Post Office Address: **Same As Above**

Send Correspondence To:

Knobbe, Martens, Olson & Bear, LLP

Customer No. 20,995

Application No.: 09/873,924  
Filing Date: June 4, 2001

PATENT  
Client Code: CCOM.020A  
Page 1

ASSIGNMENT

*COPY*  
*DO NOT RECORD*  
92691 WHEREAS, We, Syed K. Enam, a Pakistan citizen, residing at ~~607 Alondra Drive, Huntington Beach, California~~ *27511 Limones, Mission Viejo, CA*  
92648, Masoud Djafari, a United States citizen, residing at 4780-F La Villa Marine, Marina Del Rey, California 90292,  
Duke T. Tran, a United States citizen, residing at ~~474 Hayes Street, Irvine, California~~ *92620*, Kent R. Smythe, a United  
States citizen, residing at 13 Cascade, Irvine, California 92604, Michael B. Choi, a United States citizen, residing at ~~474~~  
~~Hayes Street, Irvine, California 92620~~, Bo-Shiou Ke, a *Taiwan* citizen, residing at  
*41 Pembroke, Irvine, CA 92618*, and Vi Lee, a *UNITED STATES* citizen,  
residing at *1661 N. AVE 46, LOS ANGELES, CA 90041*, have invented certain new  
and useful improvements in a LOW FREQUENCY LOOP-BACK IN A HIGH-SPEED OPTICAL TRANSCEIVER for  
which we have filed an application for Letters Patent in the United States, on June 4, 2001;

→ *837 S. Catalina St., Apt. 111, Los Angeles, CA 90005*

AND WHEREAS, CONNECTCOM MICROSYSTEMS, INC. (hereinafter "ASSIGNEE"), a California Corporation, with its principal place of business at 7545 Irvine Center Drive, Suite 100, Irvine, California 92618, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this *24* day of *January*, 2002

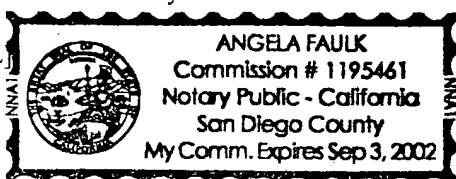
*[Signature]*  
Syed K. Enam

STATE OF *California*  
COUNTY OF *Orange* } ss.

On *JAN. 24, 2002*, before me, *Angela Faulk*, personally appeared Syed K. Enam  
~~personally known to me~~ (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



*[Signature]*  
Notary Signature

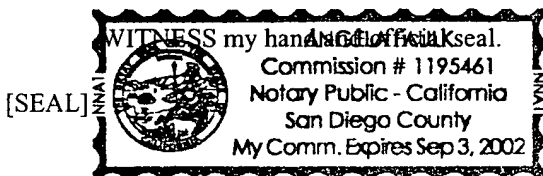
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 24 day of January, 2002

Masoud Djafari

STATE OF CALIFORNIA  
COUNTY OF ORANGE

SS.

On JAN. 24, 2002 before me, Angela Faulk, personally appeared Masoud Djafari personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 24 day of January, 2002

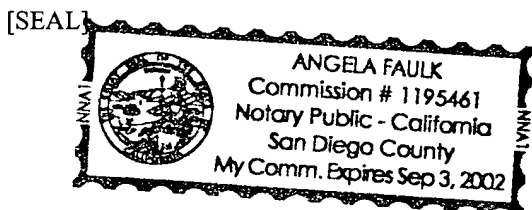
Duke T. Tran

STATE OF California  
COUNTY OF Orange

SS.

On JAN. 24, 2002 before me, Angela Faulk, personally appeared Duke T. Tran personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



Notary Signature

Application No.: 09/873,924

Filing Date: June 4, 2001

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 24<sup>th</sup> day of January, 2002

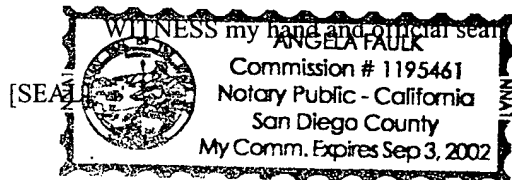
R. Kent R. Smythe  
R. Kent R. Smythe  
RKS

STATE OF CaliforniaCOUNTY OF Orange

}

ss.

On JAN. 24, 2002, before me, Angela Faulk, personally appeared R. Kent R. Smythe personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



Angela Faulk  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 28<sup>th</sup> day of January, 2002

Michael B. Choi  
Michael B. Choi

STATE OF

COUNTY OF

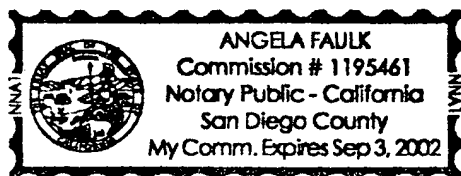
}

ss.

On JAN. 28, 2002, before me, Angela Faulk, personally appeared Michael B. Choi personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Angela Faulk  
Notary Signature

Application No.: 09/873,924

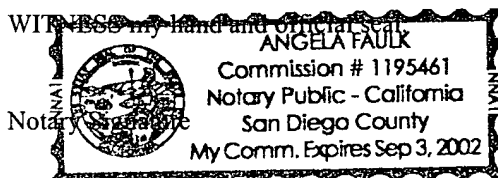
Filing Date: June 4, 2001

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 24th day of January, 2002Bo-Shiou Ke

Bo-Shiou Ke

STATE OF California }  
COUNTY OF Orange } ss.

On JAN. 24, 2002, before me, Angela Faulk, personally appeared Bo-Shiou Ke personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

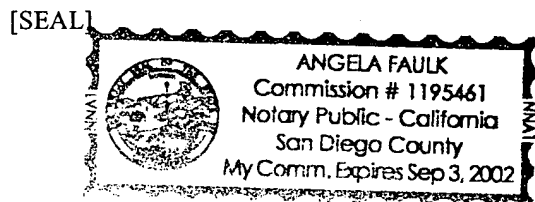
Angela FaulkIN TESTIMONY WHEREOF, I hereunto set my hand and seal this 24 day of JANUARY, 2002Vi Lee

Vi Lee

STATE OF CALIFORNIA }  
COUNTY OF ORANGE } ss.

On JAN. 24, 2002, before me, Angela Faulk, personally appeared Vi Lee personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Angela Faulk  
Notary Signature